

The first part of the book is devoted to the study of the properties of the \mathcal{H}_∞ norm, which is the most important tool for the analysis of the stability of the system. The second part is devoted to the study of the properties of the \mathcal{H}_2 norm, which is the most important tool for the analysis of the performance of the system. The third part is devoted to the study of the properties of the $\mathcal{H}_\infty/\mathcal{H}_2$ norm, which is the most important tool for the analysis of the robustness of the system.

5